Harold N. Moldenke

AEGIPHILA VOLUBILIS Mold., sp. nov.

Frutex volubilis, ramis ramulisque gracilibus obtuse tetragonis dense pilosulis vel pilosis, foliis decussatis breviter petiolatis, petiolis 5--10 mm. longis densissime patenteque pilosis, laminis chartaceis, lanceolato-ellipticis 9--15 cm. longis 4--5.5 cm. latis apicaliter longe acuminatis, marginaliter integris, basaliter obtusis vel subacutis, supra in costa venisque majoribus patente pilosohispidulis, subtus ubique dense pubescentis, inflorescentiis terminalibus racemiformibus elongatis, sympodiis gracilibus dense pubescentibus, cymis distincte pedunculatis subcapitatis.

Scandent vine or sprawling shrub; branches and branchlets slender, obtusely tetragonal, gray, densely pilose or pilosulous with apparently soon deciduous hairs; leaves decussate-opposite; petioles short, 5--10 mm. long, densely spreading-pilose or hirsutulous; leaf-blades thinly chartaceous, rather uniform in color (when dried), elliptic or elliptic-lanceolate, 9--15 cm. long, 4--5.5 cm. wide, apically long-acuminate, marginally entire, basally obtuse to rounded or subacute, pilose-hispidulous along the midrib and larger venation above, much more densely pubescent throughout beneath with brownish pubescence; inflorescence terminal, racemiform, elongate, about 20 cm. long, long-stalked, the sympodia and branches quite slender, densely spreading-pubescent or hispidulous; cymes distinctly stalked, more or less subcapitate, few--many-flowered, the stalks to 15 mm. long, densely spreading-pubescent; calyx very small, hispidulous, distinctly 4-lobed, campanulate, 1.5--2 mm. long in all; corolla small, yellowish-white, the slender tube 4--5 mm. long, the 4 lobes each about 3 mm. long.

The species is based on *Linda Albert de Escobar 795* from along the river bank at 300 feet altitude in the zone of Dry Tropical Forest near El Carmen, El Oro, Ecuador, collected between November 23 and December 16, 1978, and deposited in the Lundell Herbarium at the University of Texas. The species was hitherto confused with the quite similar A. chrysantha Hayek.

CITHAREXYLUM PACHYPHYLLUM var. PESQUEDENSE Mold., var. nov.

Haec varietas a forma typica speciei laminis foliorum parvioribus oblongis vel anguste ellipticis 1--2 cm. longis 5--10 mm. latis marginaliter integerrimis utrinque glabris recedit.

This variety differs from the typical form of the species in its leaf-blades being smaller, very short-petiolate, oblong or narrowly elliptic, only 1--2 cm. long and 5--10 mm. wide, marginally entire, glabrous on both surfaces, apically obtuse and often slightly mucronulate, basally acute.

The variety is based on J. Hudson 1062 from a rocky mountainside about 1 km. north of Trujillo, in the Cerro Pesqueda, La Libertad, Peru, collected on November 30, 1974, and deposited in the herbarium of the Missouri Botanical Garden at St. Louis, Missouri.